

Change Pages for RG1_0_UM
Clinical Information Resource Network (CIRN)
Patient Administration User Manual

Covering changes made in patches RG*1*3 and RG*1*7
and the change in the focus of the package.

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(Not all pages contain changes to text. Some pages are being replaced to keep the numbering sequential.)

Preface

The Clinical Information Resource Network Patient Demographics/Master Patient Index (CIRN PD/MPI) most often referred to as MPI/PD initializes your active patients to the Master Patient Index. During this process each active patient receives an Integration Control Number (ICN), a CIRN Master of Record (CMOR) and a Treating Facility List of the sites where the patient is receiving care. Your site becomes part of the CIRN network of sites that share key demographic data for patients via HL7 messaging.

CIRN Patient Demographics and Master Patient Index **VISTA** (MPI) are distributed and installed together. This manual covers the installation information for both packages.

Reference Material

CIRN-PD manuals include:

CIRN Patient Demographics (CIRN-PD) Pre-Installation and Implementation Guide
CIRN Patient Demographics (CIRN-PD) and Master Patient Index (MPI) Installation and Implementation Guide V. 2,
CIRN Patient Demographics (CIRN-PD) Technical Manual,
CIRN Patient Demographics (CIRN-PD) Patient Administration User Manual,
CIRN Patient Demographics (CIRN-PD) HL7 Interface Manual,

You should also become familiar with the Master Patient Index (MPI **VISTA**) documentation. MPI manuals include:

Master Patient Index (MPI) VISTA HL7 Interface Specifications
Master Patient Index (MPI) VISTA User Manual
Master Patient Index (MPI) VISTA Technical Manual
Master Patient Index (MPI) VISTA Monograph
Master Patient Index (MPI) VISTA Release Notes

One of the major pre-implementation tasks for CIRN is the merging of duplicate patient records at a site. The *Duplicate Record Merge: Patient Merge (Patch XT*7.3*23) User Manual* is required for this task.

NOTE: After CIRN PD/MPI is installed, the Merge Utility (XT*7.3*23) can not be used to merge patient records. Sites should make every attempt to resolve potential duplicates. Once sites initialize against the MPI, any unresolved duplicates will have to be held in abeyance until the merge software becomes “CIRN aware.” It is recommended that the option to merge patient records be placed out of order until that time.

Because of the close interaction of CIRN with other packages, the user may find it helpful to review documentation for **VISTA** Health Level 7 (HL7) V. 1.6, updates to the Patient Information Management System (PIMS) V. 5.3 Admission-Discharge-and Transfer (ADT) module documentation, Run Time Library V. 2.1, and Extensible Editor V. 2.6.

Acknowledgment

CIRN was inspired by the Regenstrief Medical Record System from the Regenstrief Institute of Indianapolis, Indiana.

Dedication

In memory of Georgia Sehon: respected colleague, accomplished professional, and valued member of the CIRN team.

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Introduction

Background

The Veterans Health Administration (VHA) is in the process of restructuring its health care delivery system, moving from a model focused on independent medical facilities to a model based on Veteran Integrated Service Networks (VISNs). Corresponding changes in requirements for VISN-wide clinical data services have resulted in a need for the Clinical Information Resources Network (CIRN) package.

CIRN Principals and Objectives

The objectives of CIRN Patient Demographics/Master Patient Index (CIRN PD/MPI) are to create an index that uniquely identifies each active patient treated by the Veterans Administration and to identify the sites where a patient is receiving care. This is crucial to the sharing of patient information across sites.

CIRN Functionality

The initial synchronization of key Patient file (#2) information (for active, shared patients) with the Master Patient Index and with the patient's treating facilities is an important step in the implementation of the CIRN software system. The initialization process transfers the Integration Control Number (ICN), CIRN Master of Record (CMOR), and Treating Facility list for each patient to the patient's record in the Veterans Health Information Systems and Technology Architecture (**VISTA**) Patient file at all sites where the patient has been treated.

Patient Record Integration

The patient record integration activities are responsible for identifying and maintaining information needed to successfully share patient data between sites. Whenever key patient demographic information for a shared patient changes, a message with the changes is sent to the patient's CMOR where the changes are accepted or rejected. If accepted, the updates are broadcast to all treating facilities for that patient.

Distinguishing MPI (Austin) from MPI (VISTA)

MPI (Austin) refers to the actual index located at the Austin Automation Center (AAC). MPI (**VISTA**) refers to the software that resides in **VISTA** which sends patient data to the MPI (Austin) and to sites where a patient has been seen. These terms [i.e., MPI (Austin) and MPI (**VISTA**)] are used throughout this manual only when it is not obvious which component of the MPI the documentation is referring to.

The Master Patient Index Overview

The Master Patient Index (MPI Austin) assigns and maintains unique patient identifiers, known as integration control numbers (ICNs) that link patients to their records across VHA systems. It also contains the CIRN Master of Record (CMOR), and a current list of treating facilities subscribing to a patient's data.

When a patient is first seen at a site for care (the site has not previously treated the patient) or the patient did not get an ICN during the initialization phase, a real-time query is generated to the MPI when using the Register a Patient or Load/Edit Patient Data or 10-10T Registration options. If the patient is not known to the MPI, the patient's identifying information —name, SSN (unless pseudo or not available), date of birth, mother's maiden name, place of birth state and place of birth city— is passed to the MPI. If the patient is not already known to the MPI, the MPI assigns an integration control number (ICN) and assigns the requesting site as the CIRN Master of Record. If the patient is already known to the MPI, the MPI returns the patient's ICN, CMOR, and the list of known treating facilities. The requesting site sends a message to the CMOR to be added as a treating facility and the updated treating facility list is sent to all treating facilities and the MPI.

Each site will have a block of local ICNs assigned for automatic use in the event that the MPI cannot be reached. When local ICNs are assigned to patients, background processing ensures that they are processed against the MPI as soon as possible. It will also process any missing ICNs for new patients added to the Patient file by means other than Load/Edit and Registration and 10-10T Registration. If the patient is not known to the MPI (new patient), the MPI will assign a new ICN and the site will be the CMOR. If the patient is already known to the MPI (exact match), the MPI will return the ICN, CMOR, and list of treating facilities. If the MPI finds more than one potential match, a local ICN is assigned and an exception is logged for human resolution using the CIRN Exception Handling option. The locally assigned ICN will be stored as part of the patient record in the ICN History.

CIRN Master of Record

The CIRN Master of Record (CMOR) is the designated "owner" of the patient's descriptive and clinical data. A patient will have only one CMOR at a time. The designation as the CMOR for a patient does not provide "workload credit" or any other distinction.

Several new fields having to do with the CMOR have been added to the Patient file (#2): CIRN Master of Record (#991.03), CMOR Activity Score (#991.06), and Score Calculation Date (#991.07). These fields are populated by the system.

During the Pre-Implementation phase, a CMOR score based on activity (Current FY, FY-1, FY-2) was calculated for the active patients in your Patient file. The CMOR score indicates to the Master Patient Index (MPI) which patients in your Patient file are active. During initialization of your database with the MPI, the first site at which the MPI encounters a patient will be assigned as the CMOR. Following the initialization with the MPI, your site will run an option that identifies the shared patients for which you are **not** the CMOR, compares the CMOR scores, and reassigns the CMOR if that action is appropriate.

Other Facility Categories

A facility's relationship to the patient determines what information it receives and sends. CIRN maintains this information to ensure proper routing of patient data.

Treating Facilities

Any facility where a patient registers for care (regardless of VISN) is placed on the Treating Facility List. This list is part of the patient descriptive data that is synchronized.

Changes to certain patient descriptive data that are made at a treating facility trigger a message to the CIRN Master of Record. Depending on the data type, all sites (including the CMOR) may be updated automatically; the CMOR accepts or rejects the changes and may broadcast an update message to all treating facilities, subscribers, and the MPI.

Subscribers

A patient's subscription list is maintained and synchronized at each site where the patient is known. A site "subscribes" in order to receive a patient's descriptive and/or clinical data from other sites. Sites can only activate/deactivate subscriptions themselves except in cases of automatic subscription (as a treating facility upon registration of a patient known elsewhere). When patient messages are generated at a site, they are routed to the subscribers on the list for that patient. The subscription mechanism can also be used to maintain VISN-wide aggregates, longitudinal research databases, etc.

The subscription list differs from the Treating Facility list in that subscribers do not need to be Treating Facilities. Subscribers that are not also designated as treating facilities may deactivate their subscription by entering an expiration date. For treating facilities, a subscription with an infinite expiration date is implied. They may not deactivate from descriptive subscriptions.

Descriptive Subscriptions

Descriptive subscriptions receive changes to patient demographic information including CMOR changes and updates to the subscription and treating facilities lists. Descriptive subscribers can request a change in status if they wish to also receive clinical repository data. The descriptive subscription list for a patient is synchronized across subscribing sites.

Effects of Patient Registration

When a shared patient registers at your facility, a registration message is sent to the CMOR and clinical and descriptive subscriptions for that patient are created for your site. The CMOR then broadcasts a message to update the lists of other subscribers.

Site Parameters Related to Patient Administration

- **Site Parameters Edit for CMOR [MPIF SITE PARAMETER]**

Your site can select whether requests for a change to a patient's CMOR will be processed automatically or placed in a review file for manual processing. If you select MANUAL, mail messages will be sent to the mail group entered in "New Request Mailgroup" whenever change requests are received.

```
Type of Processing: MANUAL// ??
Based on this field setting, any CMOR change request received
from another station can either be manually reviewed or automatically
approved.
Choose from:
    0          MANUAL
    1          AUTOMATIC
Type of Processing: MANUAL// <RET>
New Request Mailgroup: MPIF CMOR REQUEST// ??
    If the CMOR Request Change parameter is set to manual, new CMOR change
    requests received will notify the mailgroup entered in this field. This
    gives a means of prompting someone to review the new request.
New Request Mailgroup: MPIF CMOR REQUEST // <RET>
```

Other Site Parameters affecting CIRN are described in the *CIRN Patient Demographics (CIRN-PD) Installation Manual*.

(Information removed)

Processing Registrations

Background

During start-up, the active patients in your Patient file (#2) were each given an Integration Control Number (ICN), a CIRN Master of Record (CMOR), and a list of treating facilities at which the patient is known. This information was also stored in the Master Patient Index (Austin) and is synchronized across sites for a given patient. Additional fields added to the Patient file to support CIRN and the MPI include the following:

- Integration Control Number (#991.01)
- ICN Checksum (#991.02)
- CIRN Master of Record (#991.03)
- Locally Assigned ICN (#991.04)
- Subscription Control Number (#991.05)
- CMOR Activity Score (#991.06)
- Score Calculation Date (#991.07)
- subDD: 2.0992 ICN History Sub-Field

Auditing

Patch DG*5.3*149 added new cross references to the following Patient file (#2) fields, to assist CIRN in monitoring changes made to these fields. During the normal daily operations of CIRN, it is possible that these fields may be updated by CIRN HL7 Messaging. Patch DG*5.3*231 exported with the CIRN Patient Demographics/Master Patient Index build enables auditing for the following fields so they can be monitored by CIRN.

A ** denotes a key field (in addition to Name and the fields mentioned above) that will be synchronized across sites. The list of key fields is subject to change.

- **Sex
- **Date of Birth
 - Marital Status
 - Religious Preference
- **Social Security Number
 - Street Address [Line 1]
 - Zip+4
 - Street Address [Line 2]
 - Street Address [Line 3]
 - City
 - State
 - County
 - Phone Number [Residence]
 - Phone Number [Work]

K-Name of Primary NOK
K-Phone Number
**Mother's Maiden Name
Service Connected?
Service Connected Percentage
Employment Status
Period of Service
Date of Death
Type
Veteran (y/n)?

The DG Security Log file (#38.1), Field #2 Security Level is also monitored for changes to patient sensitivity.

Rules

The following business rules apply to how CIRN handles patient registration information:

- Descriptive data update messages are broadcast by the CMOR (only).
- The MPI only accepts descriptive update messages from the CMOR.
- The MPI maintains a copy of the patient's treating facilities list but not the subscription list.
- When the registration is at a non-CMOR site, updated demographic information is sent to the CMOR for review and acceptance or rejection.
- The Name field is automatically accepted at the CMOR and a message is sent to automatically update other treating facilities and the MPI .
- Changes to the key fields will be sent to the CMOR. The CMOR will either accept or reject the changes. If accepted, the CMOR broadcasts the changes to all treating facilities for the patient and the MPI. The changes are made automatically. If the CMOR rejects the updates, a message is sent to the registering site automatically updating those fields in that Patient file with the CMOR information.
- Changes to certain non-key fields are also sent to the CMOR. The CMOR may accept or reject the changes for it's own Patient file but does not notify or update other sites.

Registration

Registration (adding and editing) will fit one of the following four situations.

Existing patient for which you are the CMOR

At the end of the registration process, messages are sent to all sites where the patient is known and to the MPI. These messages update the date of last activity and changes to the key descriptive data.

Existing patient for which you are not the CMOR

At the end of the registration process, a message is sent to the CIRN Master of Record adding your site to the treating facility list, the date of last activity, and changes to the key descriptive data. Your site will be added to the patient's treating facility list. The CMOR broadcasts the accepted key field changes to the other sites where the patient is known. If some of your key descriptive changes are not accepted, the CMOR sends a message to your site to update your information with theirs.

Patient known elsewhere

If the patient being registered is a new patient at your site (not in your existing Patient file), a query is sent to the Master Patient Index. If the MPI finds an exact match or only one potential match, the patient will be considered "found" and the data from the MPI will be used. If the MPI finds more than one potential match, a local ICN is assigned and an exception is logged for human resolution using the CIRN Exception Handling option.

Once the patient has been assigned a national ICN, a message is sent to the CIRN Master of Record adding your site to the treating facility list, the date of last activity, and changes to the key descriptive data. Your site will be added to the patient's treating facility list. The CMOR broadcasts the accepted changes in key fields to the other sites where the patient is known. If some of your descriptive changes are not accepted, the CMOR sends a message to your site to update your information with theirs.

New patient not known in VHA

If you add a patient to your Patient file using the Load/Edit, 10-10T, Pre-Registration, or Registration options, a query is sent to the Master Patient Index. The MPI will automatically add the patient if no exact or potential match was found. The MPI will assign an ICN and the requesting site will be designated as the CMOR. Since you are the first site within the VHA at which the patient is known, you will be the only treating facility.

Patient Registration Load/Edit if the MPI is Unavailable.

Each site will have a block of local ICNs assigned for use in the event that the MPI cannot be reached. The local facility is assigned as the primary facility until background processing against the MPI occurs. If the MPI finds an exact match for the patient, it assigns the known ICN and stores the locally assigned ICN in the ICN History multiple, updates the CMOR entry, and sends appropriate messages to the CMOR. If no potential match is found, the MPI assigns an ICN as the permanent ICN, stores the locally assigned ICN in the ICN History multiple for that patient, and adds your site as the CMOR. If the MPI finds more than one potential match, a local ICN is assigned and an exception is logged for human resolution using the CIRN Exception Handling option.

Patient Registration Examples

Some changes have been made in the various registration screens. The connection to the MPI message and results are displayed after the "PATIENT SERVICE CONNECTED?" prompt. Once the patient is in your Patient file and has been initialized with the MPI (has an Integration Control Number), the only difference that will display is the page heading information showing the patient's CIRN Master of Record (CMOR) site.

Note: During the registration process, the patient will be checked against the entries in the MPI to determine if the patient is known elsewhere. The list of possible matches returned by the MPI may contain names that are completely different from what was entered. The MPI look-up will show those patients who are possible matches to Name and Date of Birth.

Adding a New Patient Using the Registration Option

Note: The following captures are included to illustrate the changes that will be seen on the screen when registering a patient. These changes are shown in bold, italicized text. The captures should not be used as a guide on how prompts should be answered. For this reason, replies to prompts are not shown in bold.

```
VIC      Veteran ID Card Menu ...
          ADT Outputs Menu ...
          Bed Control Menu ...
          Beneficiary Travel Menu ...
          Contract Nursing Home RUG Menu ...
          Data Card Menu ...
          Eligibility Inquiry for Patient Billing
          MAS Code Sheet Manager Menu ...
          Patient Inquiry
          PTF Menu ...
          Registration Menu ...
          RUG-II Menu ...
          Supervisor ADT Menu ...

Select ADT Manager Menu Option: REGistration Menu
```


Summary of Patient Update Message Flow

Receiving Messages

If you are the CIRN Master of Record, you receive update messages from other treating sites. The data is placed in a review file for manual processing. The Name field will be updated automatically and an update message is sent to the other treating facilities and the MPI. You may select the other changes to be accepted or rejected. If changes are accepted for the key fields (see page 15 or Appendix C), your system sends an "official" update message to all subscribing sites and the MPI. Changes to other fields will only update your own Patient file (#2).

If you are not the CIRN Master of Record, you will receive "official" update messages from the patient's CMOR. The information in the message will be used to automatically update the key fields (see page 15 or Appendix C) in your Patient file.

Sending Messages

If you are the CMOR your site will be sending the "official" update message to other treating facilities, subscribers, and the MPI.

If you are not the CMOR, your site will be sending update request messages to the CMOR for approval. Appropriate results of the CMOR review will be broadcast as the "official" update message.

Patient Sensitivity

If a shared patient is flagged as sensitive at one of the treating sites, a bulletin is sent to the RG CIRN DEMOGRAPHIC ISSUES mail group at each subscribing site telling where, when, and by whom the flag was set. Each site can then review whether the circumstances meet the local criteria for sensitivity flagging.

Bulletins

RG CIRN DEMOGRAPHIC ISSUES: This bulletin controls the sending of the following patient related and Master File update bulletins.

Patient Related Bulletin	Cause	Action to take
MISSING DATA	Name, Date of Birth (DOB), or Integration Control Number (ICN) field is missing or null in the incoming message.	Contact National VISTA Support (NVS) Help Desk for assistance.
REMOTE SENSITIVITY INDICATED	Patient is marked as sensitive at the sending site but not at receiving site.	No action: message is informational
REMOTE DEATH INDICATED	Patient has a date of death entered from the sending site but not at the receiving site.	No action: message is informational

(Patient Not Found, Inconsistent Data, and CIRN Address Change bulletins have been discontinued.)

The Master File Update bulletins going to MPI Austin differ from the patient related bulletins in that the data being passed is different.

Exception Handling Messages

CIRN's exception handler generates messages to alert the user of problems that occur in generating or processing HL7 messages. See the Exception Handling document on the MPI/PD web site for examples of messages that may be received during the implementation phase and how to resolve the problems.

CIRN/MPI Mail Groups

Mailgroup	Suggested Coordinator	Suggested Members
RG CIRN DEMOGRAPHIC ISSUES	Patient Admin Coordinator/Medical Administration Service (MAS) Automated Data Processing Application Coordinator (ADPAC)	Personnel that deal with patient data.
RG CIRN HL7 PROBLEMS	Person who will monitor CIRN HL7 problems.	Person who will monitor CIRN HL7 problems.

MPIF EXCEPTIONS	Information Resource Management (IRM) person who will be monitoring the technical type problems that can occur during messaging.	Remote mail group G.CIRN EXCEPTION MGT@FORUM.VA.GOV as the only recipient. The exception will be resolved by MPI/PD team members or by NVS. The site should not have any local members entered in this mail group.
MPIF CMOR REQUEST	Person who will monitor CMOR Change Requests.	Personnel that will process CMOR Change Requests.
MPIF HL7 GROUP	IRM Staff	No members should be placed in this mail group. This group is used to transmit HL7 messages to the MPI via MailMan.

Patient Admin User Menu

The Patient Admin User menu provides a Patient Information Management System (PIMS) option for dealing with patient update data coming to the CMOR from other sites. It also contains several MPI options to handle requests for changing the CIRN Master of Record.

Menu

CIRN Master Menu

PRE	CIRN Pre-Implementation Menu ... [RGPR PRE-IMP MENU]
NTL	CIRN Initialization Menu ... [RGINIT MENU]
IRM	CIRN IRM Menu ... [RG IRM MENU]
CORD	CIRN Patient Admin Coordinator Menu [RG ADMIN COORD MENU]
ADU	CIRN Patient Admin User Menu ... [RG ADMIN USER MENU] Patient Data Review [VAFC EXCEPTION HANDLER] CIRN Master of Record (CMOR) Request ... [MPIF CMOR MGR] Batch Review Requests [MPIF BATCH REVIEW] Display CIRN Master of Record Request [MPIF VIEW REQUEST] New Request [MPIF NEW REQUEST] Received Requests Report [MPIF RECEIVED REQUESTS] CIRN Master of Record Request Review [MPIF REVIEW REQUEST] Sent Request Report [MPIF SENT REQUESTS] Edit CMOR Change Request [MPIF EDIT REQUEST]

Patient Data Review Option

This is a new PIMS option that resides only on the CIRN menu. The option is used by the CMOR to review and merge demographic data coming from other sites that has not been automatically updated in your Patient file (#2). (See page 15 and Appendix C.) When a message comes from a patient's CIRN Master of Record (CMOR) the data will automatically be merged with the data at the receiving facility.

The ordering of the demographic data messages as they arrive from a particular site is essential. In general, as newer data for the same patient, from the same sending facility arrives it will be the data that is retained and made available for the data review. Older data will be assigned a status of "Retired Data." The exception to this is that if the old data has a status of "AR" (action required) the newer data does not replace it. Data for the same patient from other sites will all be available.

The general rules for updating data elements are as follows.

- For pointer fields if the pointer cannot be resolved then no update will take place.
- If incoming data is null and the field has been edited then it implies a delete has occurred. The delete will be applied to the patient database when processing a message from the CMOR. When an incoming message is from the NON-CMOR the delete will take place when the user merges the patient data during the review process.
- Those fields on the Patient Data Review that are "Display Only" (those pertaining to Eligibility) do not get updated even when the message is coming from the CMOR.

- The Name field is automatically accepted at the CMOR and a message is sent to automatically update other treating facilities and the MPI .
- Changes to the key fields will be sent to the CMOR. The CMOR will either accept or reject the changes. If accepted, the CMOR broadcasts the changes to all treating facilities for the patient and the MPI. The changes are made automatically. If the CMOR rejects the updates, a message is sent to the registering site automatically updating those fields in that Patient file with the CMOR information.
- Changes to certain non-key fields are also sent to the CMOR. The CMOR may accept or reject the changes for it's own Patient file but does not notify or update other sites.

When the Patient Data Review option is selected, a list of patient updates awaiting review is displayed. This list is initially sorted in date order, beginning with the most recent event first. Each entry on the list contains the following information:

Patient name
SSN
Date of birth
Site this information came from
Date the event took place at the sending site
Current upload status

PIMS Demographic Merge			September 23, 1998 09:53:54		Page: 1 of 1	
Exception(s) currently on file.						
Patient	SSN	DOB	Stat	Evt. DT.	From	
1 JONES, JAMES	111111111	01-01-1911	AR	09-26-1998	Boston, MA	
2 JACKSON, ALLEN	222222222	02-02-1922	BR	09-25-1998	Atlanta, GA	
3 LAWSON, MIKE	333333333	03-03-1933	DE	09-24-1998	Boston, MA	
4 JOHNSON, RAY	444444444	04-04-1944	DE	09-23-1998	Atlanta, GA	
5 MILLER, LINDA	555555555	05-05-1955	DE	09-22-1998	Boston, MA	
6 SMITH, BARB	666666666	06-06-1966	DE	09-21-1998	Atlanta, GA	
7 LABRAKE, KAY	777777777	07-07-1917	DE	09-20-1998	Atlanta, GA	
8 PATIENT, JOHN LYDON	888888888	01-01-1911	DE	01-01-1998	Albany, NY	
Enter ?? for more actions						
SP Select Patient	SS Sort by Site	SN Sort by Newest				
SOL Sort by Oldest	P Sort by Patient					
Select Action:Quit// SP Select Patient						
Select Patient(s): (1-8): 8.....						

Status Types

Action Required (AR)	This entry has not been reviewed.
Being Reviewed (BR)	This entry is currently under review.
Data Examined (DE)	This entry has been reviewed, but is not yet complete.
Data Rejected (DR)	Incoming data has been reviewed and rejected.
Merge Complete (MC)	This entry has been reviewed and has been deemed complete.
Retired Data (RD)	This entry has been replaced by newer data from the same sending facility, therefore the older data has been retired.

CIRN Patient Admin Coordinator Menu

The Patient Admin Coordinator menu options allow control and monitoring of CMOR, subscription, and patient data activities.

CIRN Master Menu

PRE CIRN Pre-Implementation Menu ... [RGPR PRE-IMP MENU]

NTL CIRN Initialization Menu ... [RGINIT MENU]

IRM CIRN IRM Menu ... [RG IRM MENU]

CORD CIRN Patient Admin Coordinator Menu [RG ADMIN COORD MENU]

ADU CIRN Patient Admin User Menu ... [RG ADMIN USER MENU]

CORD CIRN Patient Admin Coordinator Menu

PM	Patient Merge Utilities ... [RG MERGE PATIENT] Patient Data Review [VAFC EXCEPTION HANDLER]
GS	Generate a Patient Subscription Request [RG SUBSCRIBE]
EQ	CIRN Event Queue Class Statistics [RGEQ STATS]
SP	Site Parameters Edit for CMOR [MPIF SITE PARAMETER]
CMOR	CMOR User Menu ... [RGCIRN CMOR USER MENU] IND Calculate Individual Patient CMOR Score [RGCIRN CMOR INDIV] CSS CMOR Score Calculation Status [RGCIRN CMOR STATUS] DRS Duplicate Record by CMOR Score [RGCIRN CMOR DUP SCORES] S TAT Duplicate Record Statistics [RGCIRN CMOR DUP STATS] ADU CIRN Patient Admin User Menu ... [RG ADMIN USER MENU] Patient Data Review [VAFC EXCEPTION HANDLER] CIRN Master of Record (CMOR) Request ...[MPIF CMOR MGR] Batch Review Requests [MPIF BATCH REVIEW] Display CIRN Master of Record Request [MPIF VIEW REQUEST] New Request [MPIF NEW REQUEST] Received Requests Report [MPIF RECEIVED REQUESTS] CIRN Master of Record Request Review [MPIF REVIEW REQUEST] Sent Request Report [MPIF SENT REQUESTS] Edit CMOR Change Request [MPIF EDIT REQUEST]
LOG	Patient Audit Log Reports ... [RG TRAN/AUD AUD REP] Patient Audit File Print [RGMT AUDIT PRINT] Treating Facility List Statistics [RGMT AUDIT TF STATISTICS]
INQ	Subscription Status Inquiry [RG SUBSCRIPT STAT INQ]
MPI	Master Patient Index Menu ... [MPIF VISTA MENU] Single Patient Initialization to MPI [MPIF IND MPI LOAD] Display Only Query [MPIF DISPLAY ONLY QUERY TO MPI] Inactivate Patient from MPI [MPIF PAT INACT] Local/Missing ICN Resolution Background Job [MPIF LOC/MIS ICN RES]
MSG	Message Exception Menu ...

View Potential Match Patient
CIRN Exception Handling

Patient Merge Utilities

This menu contains the options that deal with the merging of patient information. The Edit Merge Parameter option has been removed.

Patient Data Review

The Patient Data Review option is discussed in detail in the CIRN Patient Admin User section of this manual.

Generate a Patient Subscription Request

This option is used to manually register a patient subscription at the patient's CMOR. An HL7 Master Files Notification (MFN message) will be generated and submitted to the HL7 package for transmission.

```
Select CIRN Patient Admin Coordinator Menu Option: GS  Generate
a Patient Subscription Request

Select your current institution: MIAMI, FL//  <RET>      FL      VAMC      546
Select PATIENT NAME: B1111  VETERAN,JOHN Q      08-07-20      111111111
YES      SC VETERAN      BM
The CMOR Site for this patient is BAY PINES, FL

      Select one of the following:

          0      Descriptive
          1      Clinical and Descriptive

Enter the TYPE of subscription: : Clinical and Descriptive// <RET>
Send subscription request to which institution? BAY PINES, FL//<RET>
516
Enter the ACTIVATION DATE/TIME: NOW// <RET> (APR 05, 1999@17:17)
Enter an optional TERMINATION DATE/TIME: <RET>

You are about to submit a PATIENT SUBSCRIPTION REQUEST
with the following information:

ORIGIN OF REQUEST: 546      NETWORK NODE: VAMIA
RECEIVER OF REQUEST: 516      NETWORK NODE: VABAY
SUBSCRIPTION TYPE: Clinical and Descriptive
PATIENT: VETERAN,JOHN Q
PATIENT ICN: 1000719981V316816
ACTIVATION DATE: Apr 05, 1999@17:17

Is this correct? ? YES// <RET>
```


CIRN Event Queue Class Statistics

This option produces a report by date of the number of events processed and number of events that produced an error. You will be interested in those that pertain to CMOR Requests and CMOR Results.

Select CIRN Patient Admin Coordinator Menu Option: 3 CIRN Event Queue Class Statistics		
* Previous selection: DATE not null		
START WITH DATE: FIRST// <RET>		
DEVICE: <RET> UCX/TELNET RIGHT MARGIN: 80// <RET>		
CIRN Data Class Statistics	APR 20,1999	14:06 PAGE 1 <<<<
SHOULD GO ON FIRST LINE		
TYPE	PROCESSED	ERRORS

DATE: FEB 20,1999		
CH_BL	114	
	-----	-----
SUBTOTAL	114	0
DATE: FEB 21,1999		
SCN_REQ	1	
	-----	-----
SUBTOTAL	1	0
DATE: MAR 7,1999		
SCN_REQ	2	
	-----	-----
SUBTOTAL	2	0
DATE: MAR 15,1999		
QRY	2	
	-----	-----
SUBTOTAL	2	0
DATE: APR 3,1999		
MPIF CMOR RESULT	1	
MPIF CMOR REQUEST	1	
	-----	-----
SUBTOTAL	2	0
DATE: APR 6,1999		
MPIF CMOR REQUEST	1	
	-----	-----
SUBTOTAL	1	0
	-----	-----
TOTAL	122	0

CMOR Site Parameters Edit

This option allows editing of site parameters that affect the processing of CMOR requests. These parameters allow incoming CMOR requests to be processed manually or automatically and define a mail group for messages to alert you when a new request is received.

```
Select CIRN Master of Record Request Option: Site Parameters Edit
Type of Processing: MANUAL// <RET>
New Request Mailgroup: CMOR MAIL// <RET>
```

CIRN Master of Record Menu

IND Calculate Individual Patient CMOR Score
 CSS CMOR Score Calculation Status
 DRS Duplicate Record by CMOR Score
 STAT Duplicate Record Statistics

Calculate Individual Patient CMOR Score

This option calculates a CMOR patient activity score for an individual patient. After it is calculated the score is filed in the Patient file.

```
Select CIRN Master of Record Menu: IND Calculate Individual Patient CMOR
Score
Select PATIENT NAME: Veteran,John Q 10-06-50 111111111 4A-MED
472-29 MED/ORANGE/3D YES SC VETERAN -- G

This patient has an existing CMOR score of 2480 calculated on OCT 8,1998.

Do you want to calculate and file a new score for this patient? NO// y YES

Working. Please standby...

CMOR Activity Score: 2480 filed for Veteran,John Q ssn: 111111111.
```

CMOR Score Calculation Status

This option is used to check on the progress of the Start/Restart background job.

```
Select CIRN Master of Record Menu: CSS CMOR Score Calculation Status
The CIRN CMOR Activity Score Generator

There are 278309 records in your PATIENT file.
The last record number is 7317156.
Last Patient Processed: VETERAN,JOHN Q NMN SSN: 111111111 [RECORD# 35]

The CMOR score initialization last started on OCT 8,1998@15:42:29
has processed 1 records and IS RUNNING.
```

Stop CMOR Score Calculation

This option is used to stop the CMOR Score Calculation background job prior to its completion.

Select CIRN Master of RecordMenu Option: **HLT** Stop CMOR Score Calculation
This option will stop the CIRN CMOR patient activity score generation after it has completed calculating and filing the score for the current patient.

Are you sure you want to do this? N// **YES**

Stop patient activity score generation after the current patient? N// **YES**

CIRN CMOR patient activity generation is flagged to stop after it has completed the current patient. This may take a short time. Please check the status later.

Duplicate Record by CMOR Score

The Duplicate Record by CMOR Score option provides a listing of the CMOR scores from the Duplicate Records file (#15). It will display the number of duplicates per every 100 points. For example: there may be 10 patients with a score between 100 and 199. A NO SCORE means that the pair of potential duplicates had no score (no activity in the last three years). The total entries for the Patient file (#2) and the Duplicates Records file (#15) are also displayed.

The example below shows that the site has 184 duplicate record pairs where at least one of the 2 records has evidence of patient activity in the past 3 years.

Duplicate Record Count by CMOR Score		Page: 1
		Date: JUL 23,1998@16:05

This report is drawn from the Duplicate Record file (#15) with CMOR scores from the PATIENT file, CMOR ACTIVITY SCORE field.		
- If both members of a pair have a score of zero the pair is counted in the '0' group.		
- If one or both members of the pair have a score greater than zero, that pair is counted in the group for the higher score.		
- If neither member of the pair have a CMOR score, the pair is counted in the 'NO SCORE' group.		
Score Range	Count	
-----	-----	
1 - 99	24	
100 - 199	6	
200 - 299	2	
300 - 399	3	
400 - 499	7	
500 - 599	3	
600 - 699	2	
700 - 799	2	
900 - 999	1	
1000 - 1099	1	

1100 - 1199	4
1200 - 1299	1
1300 - 1399	1
1400 - 1499	1
1500 - 1599	2
1600 - 1699	1
1700 - 1799	2
1800 - 1899	1
2100 - 2199	1
2300 - 2399	1
2400 - 2499	2
2500 - 2599	1
2600 - 2699	1
2800 - 2899	1
3000 - 3099	1
3200 - 3299	1
3500 - 3599	1
7400 - 7499	1
7700 - 7799	1
NO SCORE	108
TOTAL Potential Duplicates (15):	184
TOTAL Patients (2):	77160..

Duplicate Record Statistics

This option provides the user with the percentiles of the patients in the various status categories for merge and verification status.

Select CIRN Master of Record Menu Option: **STAT** Duplicate Record Statistics
Duplicate Record File Statistics Scan

Requested Start Time: NOW// <RET> (JUL 08, 1998@13:29:07)
Task# 201539 queued to run.

When the scan is completed, you will receive a mail message similar to the following:

```

Subj: Duplicate Record Counts: ALBANY, NY [#93979] 08 Jul 98 13:29 13 Lines
From: POSTMASTER in 'IN' basket. Page 1 **NEW**
-----
Duplicate Record (^DPT) Statistics Run Date: JUL 8,1998@13:29:11
ALBANY, NY (500)
Counts by: Merge Status and Match Percentile:

Merge Status: READY
  Percentile: 80          9
  Percentile: 90         23
  Percentile: 100        13

Merge Status: MERGED
  Percentile: 100         4

Merge Status: UNKNOWN
  Percentile: 60          27
  Percentile: 70          37
  Percentile: 80          42

```

Percentile: 90	16
Percentile: 100	13
Counts by: Verification Status and Match Percentile:	
Verification Status: POTENTIAL DUP., UNVERIF	
Percentile: 60	27
Percentile: 70	37
Percentile: 80	36
Percentile: 90	1
Percentile: 100	1
Verification Status: REQUIRES RESOLUTION	
Percentile: 80	6
Percentile: 90	15
Percentile: 100	12
Verification Status: VERIFIED DUPLICATE	
Percentile: 80	9
Percentile: 90	23
Percentile: 100	17
Select MESSAGE Action: IGNORE (in IN basket)//	

CIRN Patient Admin User Menu

This option provides the Patient Admin Coordinator with the Patient Admin User options. They are discussed in the Patient Admin User Menu chapter of this manual.

Patient Audit Log Reports

Patient Audit File Print
Treating Facility List Statistics

Patient Audit File Print

This option prints information stored in the AUDIT file (#1.1) for fields being audited in the PATIENT file (#2). For a specified date range, you can view all audited fields or selected fields.

If selected fields are viewed, you can choose to see data for all or selected patients. If all audited fields are viewed, you must choose the patients to examine.

The report prints the patient name and DFN, date/time the field was edited, the user who made the change, the field edited, the old value, and the new value. The right margin for this report is 80.

EXAMPLE: Patient Audit File Print

```

Select Patient Audit Log Report Option: 2 Patient Audit File Print

This option prints information stored in the AUDIT file (#1.1)
for fields being audited in the PATIENT file (#2). For a specified
date range, you can view all audited fields or selected fields.

If selected fields are viewed, you can choose to see data for all or
selected patients. If all audited fields are viewed, you must choose
the patients to examine.

Do you want to see (A)LL or (S)ELECTED audited fields? A// <RET> LL

Select PATIENT: SAMPLE,PATIENT          11-08-32      123456789      NO
KOREAN      NSC VETERAN
Select PATIENT: <RET>

Enter date range for data to be included in report.
Beginning Date: 10-15-98 (OCT 15, 1998)
Ending Date: 11-1-98 (NOV 01, 1998)

The right margin for this report is 80.

DEVICE: <RET>

PATIENT AUDIT LIST at SAMPLE VAMC on Dec 02, 1998@15:07      Page: 1
Date Range: Oct 15, 1998 to Nov 01, 1998

Date/Time Edited      Field Edited                      Edited By
                        Old Value / New Value
-----
==> SAMPLE,PATIENT    (DFN #7654321)

Oct 29, 1998@15:49    INTEGRATION CONTROL NUMBER      MOUSE,MINNIE
                        <no previous value> / 218092

Oct 29, 1998@15:49    ICNCHECKSUM                      MOUSE,MINNIE
                        <no previous value> / 10017

Oct 29, 1998@15:49    LOCALLY ASSIGNED ICN            MOUSE,MINNIE
                        <no previous value> / YES

Oct 29, 1998@15:49    CIRN MASTER OF RECORD          MOUSE,MINNIE
                        <no previous value> / TAMPA, FL

```

Treating Facility List Statistics

This option prints a statistical breakdown of the entries in the Treating Facility List file (#391.91). Data is available for the following categories.

- Number of unique patients
- Number of patients assigned to each site
- Number of single site patients for each site
- Number of shared patients

EXAMPLE: Treating Facility List Statistics

Select Patient Audit Log Report Option: **3** Treating Facility List Statistics

This option prints a statistical breakdown of the entries in the
TREATING FACILITY LIST file (#391.91).

The right margin for this report is 80.

DEVICE: <RET>

TREATING FACILITY LIST STATISTICS

Page: 1

Printed at TAMPA, FL on Dec 02, 1998@15:25

Total single-facility patients:

=====

GAINESVILLE	55036
TAMPA, FL	210097

Total patients found for each facility:

=====

GAINESVILLE	62691
TAMPA, FL	217752

Total number of shared patients: 7655

Total number of unique patients: 272788

Enter RETURN to continue or '^' to exit:

Subscription Status Inquiry

Select CIRN Patient Admin Coordinator Menu Option: **INQ** **Subscription Status Inquiry**

This option is used to find out what subscriptions there are to a patient's record.

Select PATIENT NAME: **Veteran, John Q**

VETERAN, JOHN Q 05-05-55 444444444 NO NSC VETERAN

NUMBER: 85

DESTINATION: @VABAY

LOGICAL LINK: VABAY

TYPE: Patient Descriptive Only

CREATION DATE/TIME: APR 19, 1999@11:55:16

ACTIVATION DATE/TIME: MAR 22, 1999@16:30:32

MODIFICATION DATE/TIME: MAR 22, 1999@16:30:32

MODIFICATION DATE/TIME: APR 16, 1999@18:15:15

LAST CREATION DATE/TIME: MAR 22, 1999@16:30:32

LAST ACTIVATION DATE/TIME: MAR 22, 1999@16:30:32

LAST SUBSCRIPTION TYPE: Patient Clinical and Descriptive

MODIFICATION DATE/TIME: APR 19, 1999@11:55:16

LAST CREATION DATE/TIME: APR 16, 1999@18:15:15

LAST ACTIVATION DATE/TIME: MAR 22, 1999@16:30:32

LAST SUBSCRIPTION TYPE: Patient Descriptive Only

Master Patient Index Menu

The Master Patient Index menu belongs to the Master Patient Index Application and resides on the CIRN menu. It provides the means to deal with special circumstances that may arise in the day-to-day environment.

Single Patient Initialization to MPI
 Display Only Query
 Inactivate Patient from MPI
 Local/Missing ICN Resolution Background Job

Single Patient Initialization to MPI

This option is used to initialize an individual existing patient to the MPI in order to get an ICN and CMOR assigned. The preferred way to accomplish this, however, is through the PIMS options:

- Register a Patient [DG REGISTER PATIENT]
- Load/Edit Patient Data [DG LOAD PATIENT DATA]
- 10-10T Registration [DGRPT 10-10T REGISTRATION]

```
Select Master Patient Index Menu Option: SINGLE Patient Initialization to MPI
Select PATIENT NAME: Veteran,John Q
09-14-54      222558888      YES      SC VETERAN

Attempting to connect to the Master Patient Index in Austin...
Patient was not found in the MPI...
Adding Patient to Master Patient Index...
```

Display Only Query

This option allows users to query the MPI in Austin for all known data about a patient. The patient may or may not be currently in the Patient file. The MPI will return: Patient Not Known at the MPI, a list of potential matches along with all known data, or an exact match along with all known data.

```
Select Master Patient Index Menu Option: DISplay Only Query
Is Patient in the PATIENT file? ? YES// <RET>
Patient Name: VETERAN,JANE Q 01-01-11      11111111      NO
NON-VETERAN (OTHER)

Attempting to connect to the Master Patient Index in Austin...

Found One Match

Name: VETERAN,JANE Q
SSN: 11111111      Gender: F
Integration Control Number (ICN): 100011111
Date of Birth: 01-01-1911      Date of Death:
CMOR: BAY PINES
```


If you answer, "NO" to the prompt "Is Patient in the PATIENT file?", you will also be asked for the patient's SSN and Date of Birth.

```
Select Master Patient Index Menu Option:  Display Only Query
Is Patient in the PATIENT file? ? YES// n NO
PATIENT NAME (last,first middle): VETERAN,JANE Q
9 Digit SSN (No Dashes): 111111111
Date of Birth:  1-01-11  (JAN 1, 1911)

Attempting to connect to the Master Patient Index in Austin...

Found One Match

Name: VETERAN,JANE Q
SSN: 111111111          Gender: F
Integration Control Number (ICN): 1000111111
Date of Birth: 01-01-1911    Date of Death:
CMOR: BAY PINES
```

Inactivate Patient from MPI

This option creates a message to send to the MPI to inactive the ICN for an individual patient. The site making the request must be the CMOR and the patient can have no other known treating facilities.

NOTE: This option is to be used with caution. It should only be used to remove "test patients" that went to the MPI at the Austin Automation Center (AAC) by mistake.

Local/Missing ICN Resolution Background Job

This option will start a background job to resolve local and missing ICNs against the MPI.

Message Exception Menu

Members of the RG CIRN DEMOGRAPHIC ISSUES mail group are automatically notified of problems relating to data. It is recommended that Patient Administration personnel (i.e., Automated Data Processing Application Coordinator (ADPAC) and/or Coordinators, etc.) be made members of this mail group.

The options on this menu are used to resolve exceptions that occur when your data does not match data provided to the MPI by another facility. They also provide the ability to purge duplicate entries, resolved entries over 30 days old, and entries for patients with names beginning with "ZZ" from the CIRN HL7 Exception Log file (#991.1). Regular purging provides you with the most up-to-date information on the List Manager screen. If you feel that waiting for the purge to complete is too time consuming, you can ask your Information Resource Management (IRM) service to schedule the background job CIRN Exception Purge [RG EXCEPTION PURGE] via TaskMan to run once a week at an off-hours time that does not conflict with backups.

View Potential Match Patient

This option prints a list of patients that had multiple potential matches on the MPI and need review in order to be initialized to the MPI.

Select Message Exception Menu Option: **view** Potential Match Patient

This report prints a list of patients who have been identified as having multiple Potential Matches on the Master Patient Index (MPI) and who haven't yet been resolved using the option "Single Patient Initialization to MPI". Status is current as of the date/time the report is generated.

This data is pulled from the CIRN HL7 EXCEPTION LOG file (#991.1). Prior to producing the report, duplicate POTENTIAL MATCH patients will be purged from the file.

...one moment please..

0 duplicate patient entries for POTENTIAL MATCH exceptions were identified and deleted from the CIRN HL7 EXCEPTION LOG file (#991.1).

The right margin for this report is 80.

DEVICE: HOME//

PATIENT LIST of Potential Matches to be Resolved
Printed at ALBANY, NY on Aug 08, 2000@17:09

Page: 1

Patient Name	SSN	DOB	DFN

No patients found who need to be resolved to the MPI.			

CIRN Exception Handling

Upon entering the option, you will be told when the last purge took place and will be asked if you would like to run the purge now. If you choose to purge, you will have to wait a few minutes before using the CIRN Exception Handling option.

CIRN EXCEPTION HANDLING Nov 04, 1999 11:06:11 Page: 1 of 1
CIRN Exception Handling

The CIRN Exception Purge process last ran Mar 27, 2000@09:15:31
Do you want to run the CIRN Exception Purge process now? NO// <RET>

	Patient	SSN	Date	Exception
1	SERIOUS, SAM	111111111	11/02/99	SSN Match Failed
2	RUGGED, ROBERT	222222222	11/02/99	SSN Match Failed
3	MERRY, MARY	333333333	11/02/99	SSN Match Failed
4	MERRY, MARY	333333333	11/02/99	Required field(s) Date of
5	JOLLY, JAMES A	444444444	11/02/99	Required field(s) Date of
6	CJOLLY, JAMES B	555555555	11/02/99	Name Doesn't Match

7	JOLLY,JAMES B	55555555	11/02/99	Potential Matches Returne
8	BURLY,BENJAMIN	66666666	11/02/99	Potential Matches Returne
9	ROWDY,ROBERT	77777777	11/02/99	Death Entry on Vista not
Enter ?? for more actions				
SD	Sort Exceptions by Date		VT	View Selected Exception Type
SP	Sort by Patient		EXC	Select Exception
ST	Sort by Exception Type			
Select Action:Quit// VT Select Exception Type to View				
Enter an exception type to view: SSN Match Failed				

This option gives you a list of exceptions that have not yet been processed. You can sort the list by date (default), by patient, or by exception type. You can also choose to view only those of a selected exception type. The first three actions merely change the order that the patients are listed on the screen.

VT Select Exception Type to View

The VT Select Exception Type to View action allows you to see only those of the exception type that you choose.

CIRN EXCEPTION HANDLING		Nov 04, 1999 11:15:21	Page:	1 of 1
CIRN Exception Handling				
	Patient	SSN	Date	Exception
1	SERIOUS,SAM	11111111	11/02/99	SSN Match Failed
2	RUGGED,ROBERT	22222222	11/02/99	SSN Match Failed
3	MERRY,MARY	33333333	11/02/99	SSN Match Failed
Enter ?? for more actions				
SD	Sort Exceptions by Date		VT	Select Exception Type to View
SP	Sort by Patient		EXC	Select Exception
ST	Sort by Exception Type			
Select Action:Quit//				

EXC Select Exception

Using the EXC Select Exception action to select a specific exception brings you to a screen with more detailed information on the exception as well as the actions to perform Patient Audit, Patient Inquiry, Hinq Inquiry, MPI Display Only Query, Single Patient Initialization to the MPI, Edit Patient Data, and Update Status to Processed.

CIRN EXCEPTION HANDLING		Nov 04, 1999 11:15:21	Page:	1 of 1
CIRN Exception Handling				
	Patient	SSN	Date	Exception
1	SERIOUS,SAM	11111111	11/02/99	SSN Match Failed
2	RUGGED,ROBERT	22222222	11/02/99	SSN Match Failed
3	MERRY,MARY	33333333	11/02/99	SSN Match Failed

```

Enter ?? for more actions
SD  Sort Exceptions by Date          VT  Select Exception Type to View
SP  Sort by Patient                 EXC Select Exception
ST  Sort by Exception Type
Select Action:Quit// EXC  Select Exception
Select : (1-3): 1

```

```

CIRN EXCEPTION ACTIONS          Nov 04, 1999 11:30:33          Page: 1 of 1
CIRN EXCEPTION HANDLING ACTIONS.

```

Exception Data

```

1  Name:  SERIOUS,SAM
2  SSN:   111111111
3  DOB:   AUG 22,1941
4  DFN:   2
5  ICN:   100111111
6  Date of Death:
7  Exception Type:  SSN Match Failed
8  Exception Date:  Nov 02, 1999
9  Exception Status: NOT PROCESSED

```

```

Enter ?? for more actions
AUD  Patient Audit          SPI  Single Patient Init to MPI
INQ  Patient Inquiry        ED   Edit Patient Data
HI   Hing Inquiry          UPD  Update Status to Processed
DO   MPI Display Only Query

```

When the exception has been processed, meaning that you have verified data, corrected where necessary, and contacted the CIRN Master of Record (CMOR) site if necessary, then depending on the exception, use either the Single Patient Init to the MPI, or Update the Status to Processed action and the exception will no longer appear on the exception list.

Appendix B – Exception Handling and Bulletins

Appendix B (pages 65-76) has been replaced by a separate Exception Handling document that can be found on the MPI/PD web site, <http://vista.med.va.gov/cirn/index.html>. This document provides updated information on Exception messages, their resolution, and the Exception Handling option (RG*1*3). It will be kept up-to-date as changes occur.

Appendix C - Patient Data Review

FORCED UPDATE:

Name

DATA TO REVIEW:

Street Address	Phone Number (Res.)
Street Address (2)	Phone Number (Work)
Street Address (3)	Next of Kin Name
City	K-Phone Number
State	County
Zip-Code	
**Social Security Number	**Date of Birth (DOB)
Date of Death (DOD) ***	**Sex
Marital Status	**Mother's Maiden Name
Religion	Employment Status

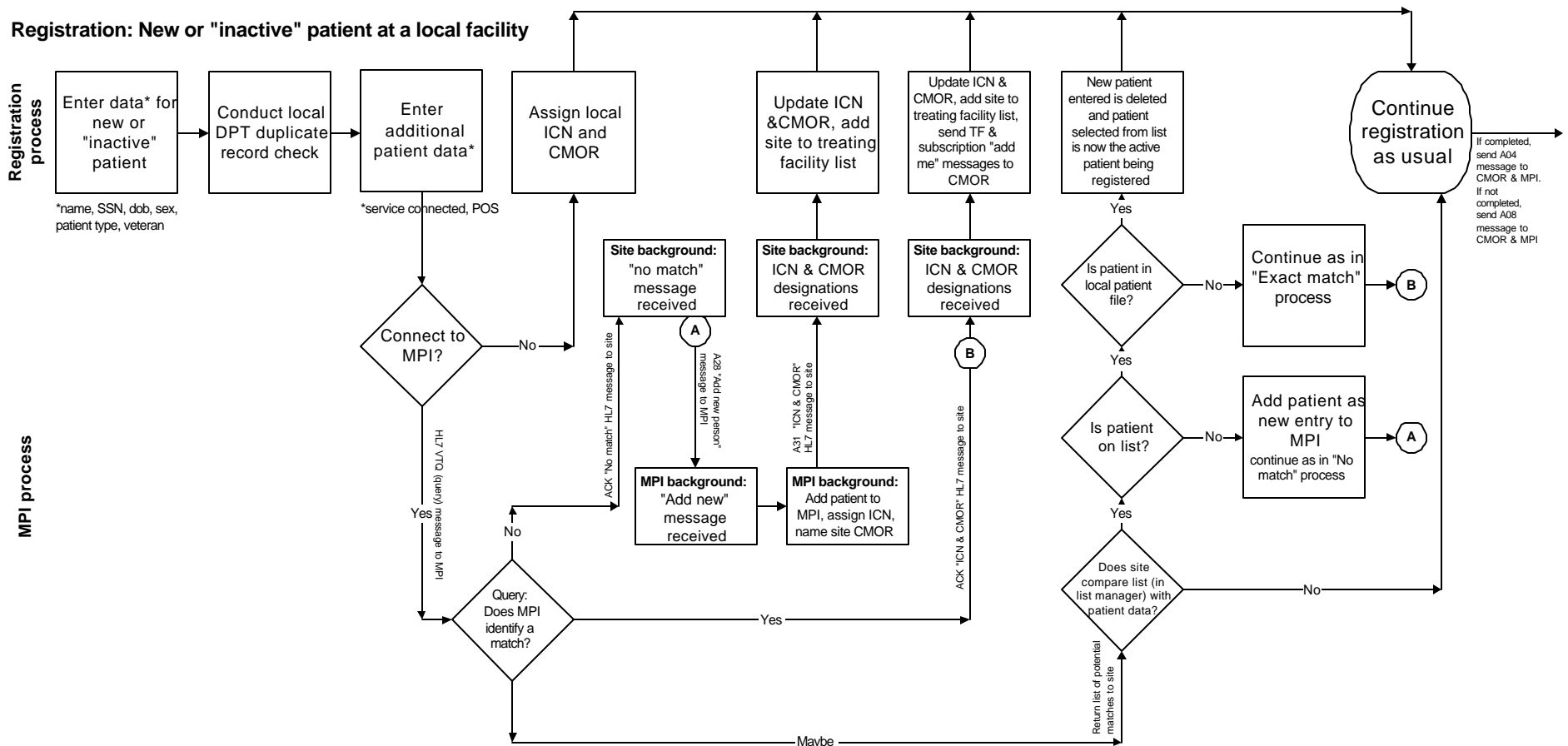
**When the CMOR updates these fields, they are synchronized at all treating facilities and the MPI.

DISPLAY ONLY CHANGES:

Patient Type	Period of Service
Veteran (Y/N)	Primary Eligibility Code
Service Connected	Date Eligibility Verified
Service Connected Percentage	Verification Method
Who Verified	

Appendix D - Flow Charts

(Data Flow Chart 1 has been removed.)



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